BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
1	13.08	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. (P.No. 270, I.No. 37.47 of SR 2018-19).	Cum	269.43	Rupees Two Hundred Sixty Nine And Paise Forty Three Only
2	38.31	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. (P.No. 269, I.No. 37.44 of CSR 2018-19).	Cum	807.19	Rupees Eight Hundred Seven And Paise Nineteen Only
3	100.54	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-1: Surface Road (P.No. 136, I.No.17.4 of CSR 2018-19).	t.km	16.32	Rupees Sixteen And Paise Thirty Two Only
4	38.64	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.PWD SR 2018-19, It. No. 4.46.2 Pg No.18	MT	77409.71	Rupees Seventy Seven Thousand Four Hundred Nine And Paise Seventy One Only
5	38.64	Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. Specification No. KBS PWD SR 2018-19, It. No. 4.46.2 Pg No.18	MT	815.92	Rupees Eight Hundred Fifteen And Paise Ninety Two Only
6	407.35	Providing and removing Centering & Shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/rectangular / polygon in plan including cost of all materials, labour complete as per specifications.PWD SR 2018-19, It No. 4.32, Pg No.16	Sqm	522.65	Rupees Five Hundred Twenty Two And Paise Sixty Five Only
7	149.42	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.46cum, with superplastisiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for RCC beams, columns, roof of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications .PWD SR 2018-19, It No.4.13 Pg No.14.	Cum	6487.59	Rupees Six Thousand Four Hundred Eighty Seven And Paise Fifty Nine Only
8	385.18	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for sides ands soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.PWD SR 2018-19, It No. 4.34, Pg No.17	Sqm	345.78	Rupees Three Hundred Forty Five And Paise Seventy Eight Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
9	938.73	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.PWD SR 2018-19, It No. 4.29.8, Pg No.16, 0 to 11mts	Sqm	2116.15	Rupees Two Thousand One Hundred Sixteen And Paise Fifteen Only
10	893.62	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1)2005 and constructed with CM 1 A, as per IS 25722005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 PWD SR 2018-19, It No. 5.26.1, Pg No.27	Sqm	1084.70	Rupees One Thousand Eighty Four And Paise Seventy Only
11	145.56	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1)2005 and constructed with CM 1 A, as per IS 25722005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 PWD SR 2018-19, It No. 5.26.2, Pg No.27	Sqm	1074.88	Rupees One Thousand Seventy Four And Paise Eighty Eight Only
12	187.30	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.PWD SR 2018-19, It No.4.11 Pg No.14	Cum	6233.44	Rupees Six Thousand Two Hundred Thirty Three And Paise Forty Four Only
13	1259.71	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.PWD SR., 2018-19 It No.15.13, Pg No. 115	Sqm	247.13	Rupees Two Hundred Forty Seven And Paise Thirteen Only
14	1746.52	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications PWD SR, 2018-19, It No 15.19, Pg No.116	Sqm	307.73	Rupees Three Hundred Seven And Paise Seventy Three Only
15	773.73	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 to Ceiling including rounding off corners wherever required smooth rendering, Provinding and removing scaffolding, including cost of materials, labour, curing complete as per specifications.PWD SR., 2018-19 It No.15.22, Pg No. 116	Sqm	251.49	Rupees Two Hundred Fifty One And Paise Forty Nine Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
16	1733.70	Providing and finishing external walls in two coats with Water Proof Cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications PWD SR 2018-19, It No.15.53.2 Pg No.120	Sqm	119.34	Rupees One Hundred Nineteen And Paise Thirty Four Only
17	2031.37	Providing and applying two coats with oil bound washable distermper Two Coats of distemper of approved brand and shade on Ceilling & sloped roof including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.PWD SR 2018-19, It No.15.49. Pg No.119	Sqm	119.99	Rupees One Hundred Nineteen And Paise Ninety Nine Only
18	839.74	Providing and fixing Vitrified blessed tiles of approved make, quality and colour of size 600 x 600 x 10 mm thick fixed on bed of 12 thick cement mortar for flooring, Skirting and jointed with neat cement slurry mixed with figment to mach shade of tiles, including providing spacers required intervals and removing stains etc. complete as per specification. PWD SR 2018-19, It No14.44.Pg.No.109	Sqm	1045.92	Rupees One Thousand Forty Five And Paise Ninety Two Only
19	21.10	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic tiles 30cm x 60cm 6mm thick on a bed of 20mm thick PWD SR 2018-19, It No14.36.2 Pg.No.109	Sqm	1045.92	Rupees One Thousand Forty Five And Paise Ninety Two Only
20	97.34	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick PWD SR 2018-19, It No14.41.2 Pg.No.108	Sqm	1782.21	Rupees One Thousand Seven Hundred Eighty Two And Paise Twenty One Only
21	122.82	KSRB 14.10-1: Flooring with 25mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS. (P.No. 105, I.No. 14.15 of PWD SR 2018-19)	Sqm	1369.88	Rupees One Thousand Three Hundred Sixty Nine And Paise Eighty Eight Only
22	7.04	Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in JOints including cost of all materials, mortar, labour, curing etc., complete as per specification.(P.No. 110, I.No. 14.52 of PWD SR 2018-19	Sqm	3847.09	Rupees Three Thousand Eight Hundred Forty Seven And Paise Nine Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
23	1.00	Providing and fixing polished granite sink of size 60cms x 90cms of 23cm thick, the sink portion shall be 15cm in depth of shapes oval I round I square over brick masonry in cement mortar 1:6 including cost and conveyance of all materials, labour for all items of work, HOM with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Each	7158.92	Rupees Seven Thousand One Hundred Fifty Eight And Paise Ninety Two Only
24	0.71	Providing Mathi/Nandi wood frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.PWD SR 2018-19, It No.9.12, Pg. No.53	Cum	69164.36	Rupees Sixty Nine Thousand One Hundred Sixty Four And Paise Thirty Six Only
25	13.23	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30 mm. thick with bottom and lock rails 180 mm wide top rail and styles 100 mm wide as per drawing and panels of 25 mm thick including cost of materials.PWD SR 2018-19, It No.9.21, Pg. No.54	Sqm	4680.30	Rupees Four Thousand Six Hundred Eighty And Paise Thirty Only
26	816.48	KSRB 1.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.PWD SR 2018-19, It No.7.10, Pg. No.34	kgs	148.95	Rupees One Hundred Forty Eight And Paise Ninety Five Only
27	84.42	KSRB 1.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26. 7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar P.No.34, I.No.7.11.2 of	Sqm	4843.76	Rupees Four Thousand Eight Hundred Forty Three And Paise Seventy Six Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
28	3.78	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred JOints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.PWD SR 2018-19, It No.7.26, Pg. No.42	Sqm	6755.69	Rupees Six Thousand Seven Hundred Fifty Five And Paise Sixty Nine Only
29	10.00	Door lock, PWD SR 2018-19, SL NO-386, Pg. No.XV	Each	350.93	Rupees Three Hundred Fifty And Paise Ninety Three Only
30	9.45	Solid Panel PVC Door Shutter : Providing & fixing 30mm thick factory made rigid foam panelled door shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with head moulded PVC channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet fitted as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., complete as per manufacturers specification & Direction of Engineer-in-charge fixed to frames with nos of 75 mm aluminium hinges. (P.No. 60, I.No. 9.83 of PWD SR 2018-19)	Sqm	3033.19	Rupees Three Thousand Thirty Three And Paise Nineteen Only
31	34.20	Supply and fixing of door frame made of hollow extruded PVC Section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metric cut/ welded.. (P.No. 60, I.No. 9.86 of PWD SR 2018-19)	Mtr	276.74	Rupees Two Hundred Seventy Six And Paise Seventy Four Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
32	22.00	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c are fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged.P.No. 45, I.No. 7.39 of PWD SR 2018-19	Sqm	5872.38	Rupees Five Thousand Eight Hundred Seventy Two And Paise Thirty Eight Only
33	1.00	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No. KBS 13.22 (P.No.96, I.No.13.78 of PWD SR 2018-19)	Nos	7447.98	Rupees Seven Thousand Four Hundred Forty Seven And Paise Ninety Eight Only
34	422.23	For roof slab & terraces Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage.standards & methodology : (P.No. 275, I.No. 38.2 of PWD SR 2018-19)	Sqm	681.75	Rupees Six Hundred Eighty One And Paise Seventy Five Only
35	4.00	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.No. 79, I.No.12.5 of PWD SR 2018-19)	Each	5406.00	Rupees Five Thousand Four Hundred Six Only
36	3.00	Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a pair of 15mm C.P. brass pillar taps with C.I. /M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications(P.No. 83, I.No.12.25 of PWD SR 2018-19)	Unit	3917.79	Rupees Three Thousand Nine Hundred Seventeen And Paise Seventy Nine Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
37	15.00	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P.No. 93, I.No.13.23 of PWD SR 2018-19)	Each	207.25	Rupees Two Hundred Seven And Paise Twenty Five Only
38	2.00	Providing gun metal pillar cocks 15mm dia of I class conforming to ISI specifications and fixing them in position as per directions including of cost of materials and fixtures and conveyance to spot.(P.No. 97, I.No.13.8 of PWD SR 2018-19)	Each	263.97	Rupees Two Hundred Sixty Three And Paise Ninety Seven Only
39	2.00	Providing and fixing 600x450mm bevelLead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P screws, washers, including cost of materials, labour complete as per specifications.(P.No. 97, I.No.13.8 of PWD SR 2018-19)	Unit	263.97	Rupees Two Hundred Sixty Three And Paise Ninety Seven Only
40	3.00	Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.(P.No. 85, I.No.12.46 of PWD SR 2018-19)	Unit	735.20	Rupees Seven Hundred Thirty Five And Paise Twenty Only
41	10.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms .(P.No. 90, I.No.13.113.1 of PWD SR 2018-19)	Each	735.20	Rupees Seven Hundred Thirty Five And Paise Twenty Only
42	4.00	Providing and fixing white vitreous china clay urinals with flat back of approved make fixed to wooden plugs including bends, painting white to exposed pipes etc., complete as per directions.(rate includes cost of all materials and lead). A grade.(P.No. 90, I.No.12.109 of PWD SR 2018-19)	Each	927.18	Rupees Nine Hundred Twenty Seven And Paise Eighteen Only
43	400.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.99, I.No.13.86.3 of PWD SR 2018-19)	Mtr	319.60	Rupees Three Hundred Nineteen And Paise Sixty Only
44	150.00	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9.) (P.No. 140, I.No.13.73.5 of PWD SR 2018-19)	Mtr	649.03	Rupees Six Hundred Forty Nine And Paise Three Only
45	8.00	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 90, I.No. 12.111 of PWD SR 2018-19)	Each	163.62	Rupees One Hundred Sixty Three And Paise Sixty Two Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
46	450.00	Open conduit system: supplying heavy guage PVC conduit pipe 19/20mm dia thick dia confirming IS 2509 with suitable size bents,junction boxes,adhesive paste etc, and fixing using inverted wood plugs in case of RCC cilling and wall sum structure are rawl plugs incase of bricks wall and cement plastering damaged portion using heavy guage saddles at am intervel of 700mm using NF screws (PWD) Ele.,SR 2019-20 pages no.2.item no 1.3.2 25mm dia, 2mm thick	Mtr	54.54	Rupees Fifty Four And Paise Fifty Four Only
47	20.00	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 4-5 way (PWD Ele. SR 2019-20 pages No.9 Item No. 3.3.2)	Each	104.03	Rupees One Hundred Four And Paise Three Only
48	300.00	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.. (PWD Ele. SR 2019-20 pages No.3 Item No. 1.7.1) upto 50mm conduit in brick wall	Mtr	21.21	Rupees Twenty One And Paise Twenty One Only
49	30.00	Point wiring using copper wir with switch: Supplying and wiring adopting loop system in existing PCV conduit/casing caping using copper PVC installed multi strand 2x1.2Sq m copper wire with a 6amps flush type SP control switch shall b fixd in the exisiting palastic shet/gang box th oter end of the wire shall be terminated with sufficient loose length in a wood brick complete for ach outlt. Point wiring using class A matireal. (PWD Wle. SR 2019-20, Pag No. 2.1, Item No. 2.1)	Point	277.75	Rupees Two Hundred Seventy Seven And Paise Seventy Five Only
50	40.00	Supplying 6A flush/projected type socket and 6amps flish projected type SP switches either surface flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required b) 6amps 3/5 way. (PWD Ele .SR 2019-20,Page No. 9,Item No.3.1)	Each	133.32	Rupees One Hundred Thirty Three And Paise Thirty Two Only
51	10.00	Supplying and fixing miniature circit breakers on existing MCB distributatiob boards using necessary fixing, matirials and C type curve indicator ON/OFF energy cross -3 with short circuit breaking capacity of 10 kand complete writing as reuired .(PWD Ele.SR 2019-20, Page No.27, Item 5.17 1)Group Material A)Miniature circuit breakers a) 5 to 32 Amps	Each	1732.15	Rupees One Thousand Seven Hundred Thirty Two And Paise Fifteen Only
52	20.00	2)Group Material A)Miniature circuit breakers b) 40 to 63 Amps TPN	Each	1452.58	Rupees One Thousand Four Hundred Fifty Two And Paise Fifty Eight Only
53	2.00	Chemical earthing for grounding conduits ,IC cut outs & other equipments on the meter board by using copper bonded /SS rod with earth enhencing back fill compound which is non corrossive thermally conductive ,potential to permissible limits, supirior foult condition capacity, non toxic wether resistsnce & capable achieving ohmin value less than one ohm using 4ft copper bonded rod with backfill compound (PWD Ele.SR 2019-20, Page No.44, Item no 6.19.1)	kit	3908.70	Rupees Three Thousand Nine Hundred Eight And Paise Seventy Only

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Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. S K Keshavamurthy	
				In figures	In words
54	20.00	Supplying capacitors type ceilling fan complete with down rod blades shakle canopies for operation on 230V 50 cycles phase AC supply confirming to ISS 374-1979 and with double ball bearing system (84/9.3)(PWD Ele.SR 2019-20, Page No.46, Item no 7.3.1)	Each	2110.90	Rupees Two Thousand One Hundred Ten And Paise Ninety Only
55	1.00	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply.(PWD Ele.SR 2019-20, Page No.46, Item no 7.1)	Each	1212.00	Rupees One Thousand Two Hundred Twelve Only
56	39.00	Supplying of recess mounting non integral type .....LED..... W luminaire comprising of pressure decast/extruded aluminium housing, with spring loaded fase ceiling clamps,Power LEDs with CCT 6500 degree K, CRI> 70%. Efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should <5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, , THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.(PWD Ele.SR 2019-20, Page No.26, Item no 12.6.3)	Nos	5656.00	Rupees Five Thousand Six Hundred Fifty Six Only
57	9.00	Sipplyingand fixing of porcelain fuse channel with cut out on existing wooden./pannel using necessary nuts, bolts and washes etc. complete 32 amps(PWD Ele. SR 2019-20, page No. 25, Item No 5.7.2)	Each	175.74	Rupees One Hundred Seventy Five And Paise Seventy Four Only
58	300.00	Wiring/Lighting/Power circuit using one of FRLS PVC insulated 1100V grade. Multistand and copper conductor single core cable in open or conceaed system of wiring as per IS 694:1990 & confirming to GTP of from group a matireal.(PWD Ele. SR 2019-20, page No.6, Item No.2.3.2,2.3.3,2.3.4)	Each	20.71	Rupees Twenty And Paise Seventy Only
59	300.00	ii) 2.5Sq m	Each	32.32	Rupees Thirty Two And Paise Thirty Two Only
60	300.00	iii) 4 Sq m	Each	45.45	Rupees Forty Five And Paise Forty Five Only
61		GST @ 12%			

Contractor

Executive Engineer
Project Division
Yelahanka Zone